

## Notice Inviting Quotation

Competitive quotations are invited for the supply of attached list of equipment to our Lab. Items should be delivered and installed at our Lab. Quotation along with catalogue, Specifications should reach the undersigned on or before 19th September 2018. The equipment with required specifications are given below: The cost of the equipment, warranty period, taxes and other charges if any must also be mentioned clearly in the quotation. The quotations may be addressed to The Principal, Rajagiri School of Engineering and Technology, Rajagiri Valley, Kakkanad, Kochi-682039 or emailed to [office@rajagiritech.edu.in](mailto:office@rajagiritech.edu.in)

Principal

Rajagiri School of Engineering & Technology, Kochi

### Equipment requirements

SI No:	Items	Specifications	Qty
1	DSO(1 GHz)	<b>Bandwidth:-1GHz</b> <b>Sampling rate:2-5GSa/S</b> <b>Channel:-2/4</b> <b>Display:-capacitive touch/normal.</b> <b>Computer Connectivity:-available</b>	1
2	DSO(100 MHz)	<b>Bandwidth:-100MHz</b> <b>Sampling rate: 1 GSa/S</b> <b>Channel:-2/4</b> <b>Display:-normal.TFT</b> <b>Computer Connectivity:-available</b>	2
3	Function Generator	<b>Signals:</b> Sine, Square, Triangle, DC, Free running,internal sweep or external frequency modulation, with or without DC offset, with mode and frequency display. <b>Frequency Range:-1Hz-3MHz.</b> <b>Output:-25mV-25V</b>	2
4	Function Generator	<b>Signals:</b> Sine, Square, Triangle, DC, Free running,internal sweep or external frequency modulation, with or without DC offset, with mode and frequency display. <b>Frequency Range:-1Hz-1MHz.</b> <b>Output:-25mV-25V</b>	5

5	Power supply 0-30v (dual)	<b>Output Voltage:-0-32V.</b> <b>Output Current:-0-2A.</b> <b>Output channel:-dual output with short circuit protection.</b> <b>Display:-output current &amp; Voltage.</b>	3
6	Power supply 0-5v (single)	<b>Output Voltage:-0-5V.</b> <b>Output Current:-0-1A.</b> <b>Output channel:-single output with short circuit protection.</b> <b>Display:-output current &amp; Voltage.</b>	2
7	voltmeter (0-1V)	Make: MECO( desktop).	8
8	voltmeter (0-10V)		10
9	voltmeter (0-15V)		10
10	voltmeter (0-30V)		10
11	Ammeter (0-100mA)		10
12	Ammeter (0-10mA)		15
13	Ammeter (0-1mA)		5
14	Ammeter (0-100 $\mu$ A)		10
15	Universal Programmer	Make:wellon/other. Connectivity:-Compatible with windows10.	1

<b>16</b>	Digital Trainer kit	Input Switches:-10nos. Output Indicators:_10nos. Provided high quality breadboard. Square pulses:-1,10,100Hz,monopulse. DC voltage output:5V	30
<b>17</b>	CCTV camera		1
<b>18</b>	Metravi Lux Meter		4
<b>19</b>	SMD soldering kit	Make:goot/weller/Soldron.with SMD soldering&Desoldering Fascility.	1
<b>20</b>	Temperature controlled Soldering and Desoldering station	Make:-soldron/goot with vaccum pump	1
<b>21</b>	RF Power meter(Hand held 10 MHz to 6 GHz)	Make:Fluke/meco	1
<b>22</b>	IC Tester	Analog& Digital IC testing fascility with auto search function	2
<b>23</b>	Multimeter	Make:fluke101/metravi 702	3
<b>24</b>	Wireless RFID Reader	wireless interface with passive tag.	2